

Converting Colors

XYZ(80.3777, 66.9066,
129.3748)

Have a look what the booklet for
XYZ(80.3777, 66.9066, 129.3748)
contains.

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Color

**XYZ(75.2574, 64.6934,
103.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C0FF
RGB	247, 192, 255
RGB Percent	97%, 75%, 100%
CMY	0.0314, 0.2470, 0.0000
CMYK	0.03, 0.25, 0.00, 0.00
HSL	292°, 100%, 88%
HSV	292°, 25%, 100%
XYZ	75.2574, 64.6934, 103.1283
YIQ	215.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

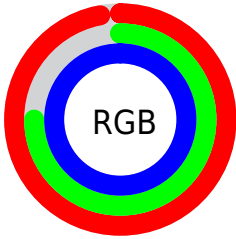
Format	Color
R_{YB}	247, 192, 255
Decimal	16236799
CIE _{Lab}	84.33, 30.13, -23.44
CIE _{LCh}	84, 38.171, 322.120
Yxy	64.6934, 0.3096, 0.2661
Android (android.graphics.Color)	4294426879 (0xFFF7C0FF)
YUV	215.6270, 19.4109, 27.5141
Hunter-Lab	80.4322, 26.2594, -19.7177

Details

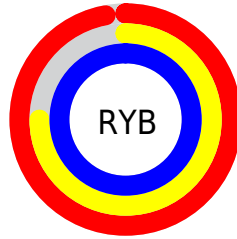
The XYZ color **75.2574, 64.6934, 103.1283** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0954, 87.6059, 63.1402**, and the grayscale version is **64.8845, 68.2635, 74.3390**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.5167, 33.2013, 57.6991** is the 20% darker color. If you saturate the color by 10%, you get **69.0047, 53.8675, 101.3683**, and if you desaturate by 10%, it is **82.5035, 77.4749, 105.2135**.

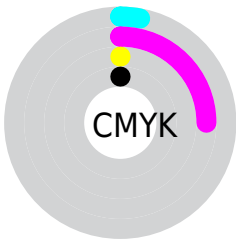
Distribution



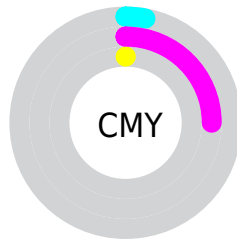
- Red (97%)
- Green (75%)
- Blue (100%)



- Red (97%)
- Yellow (75%)
- Blue (100%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.2574, 64.6934, 103.1283 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.2574, 64.6934, 103.1283 by changing the saturation by 10% instead.


 75.2574, 64.6934,
103.1283

 75.2574, 64.6934,
103.1283


467.7854,
441.6894, 591.5085

 56.1187, 47.2125,
78.2843


 125.6626,
111.6089, 167.5388

 40.5355, 33.2037,
57.7897

157.6598,
141.8124, 207.9424

 28.1424, 22.2825,
41.2260


194.6740,
177.0255, 254.3696

 18.5740, 14.0646,
28.1747

237.0703,
217.6326, 307.2389

 11.4650, 8.1656,
18.2172

285.2143,
264.0182, 366.9690

 6.4501, 4.2011,
10.9350

339.4712,

 3.1639, 1.7867,

316.5665, 433.9782

5.9095

400.2065,
375.6621, 508.6852

■ 1.2410, 0.4789,
2.7222

■ 0.1384, 0.0000,
0.9546

■ 75.2574, 64.6934,
103.1283

■ 75.2574, 64.6934,
103.1283

■ 69.0047, 53.8675,
101.3683

■ 82.5035, 77.4749,
105.2135

■ 63.6899, 44.8889,
99.9153

■ 90.7841, 92.2967,
107.6379

■ 59.2601, 37.6514,
98.7518

95.0500, 100.0000,
108.9000

■ 55.6552, 32.0344,
97.8576

■ 52.8069, 27.9020,
97.2101

■ 50.6363, 25.0961,
96.7829

■ 49.0460, 23.4224,
96.5437

■ 48.3656, 22.8483,
96.4687

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8264, 64.6934, 123.0744



75.2574, 64.6934, 103.1283



79.0697, 64.6934, 77.0290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2574, 64.6934, 103.1283



63.7487, 64.6934, 33.6090



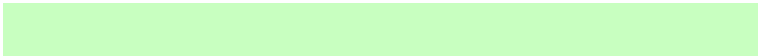
47.6046, 64.6934, 89.4991

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.2574, 64.6934, 103.1283



69.0954, 87.6059, 63.1402

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.7292, 64.6934, 64.2381



75.2574, 64.6934, 103.1283



55.5594, 64.6934, 35.4692

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2574, 64.6934, 103.1283



72.0387, 64.6934, 39.6716



49.5117, 64.6934, 45.5114



52.0233, 64.6934, 114.0307

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2574, 64.6934, 103.1283



78.8226, 64.6934, 61.0958



49.5117, 64.6934, 45.5114



46.9036, 64.6934, 80.6917

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.2592, 64.6961, 103.1287



88.7887, 88.7080, 107.0504



60.5377, 59.9234, 102.9834



18.8942, 18.7892, 22.8808



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2592, 64.6961, 103.1287



71.8265, 58.7243, 102.1570



74.6424, 64.7823, 84.8411



18.5524, 18.1765, 22.7805



25.3611, 11.9846, 50.4112



2.5300, 1.1982, 4.9112

Inverse Universe

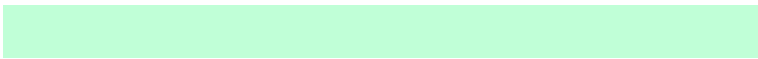
The Inverse Universe completely reimagines the original color for something new.



70.5166, 63.1319, 63.1148



66.3601, 56.9402, 55.1903



69.7786, 87.6388, 77.5979



18.1032, 18.0246, 19.1607



21.7166, 11.1759, 1.8922



2.1425, 1.0994, 0.3317

Previews

White Background



This preview shows how the XYZ color 75.2574, 64.6934, 103.1283 looks on a white background.

Color Contrast Check

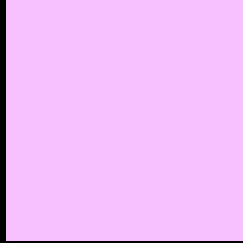
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.2574, 64.6934, 103.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

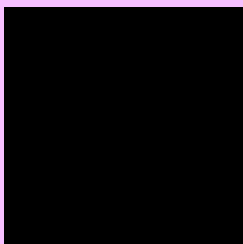
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2574, 64.6934, 103.1283

Background



This preview shows how black text looks on a background with the XYZ color 75.2574, 64.6934, 103.1283.

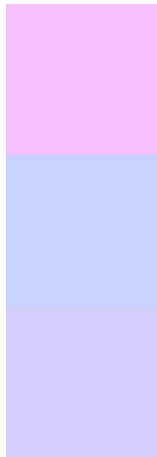


This preview shows how white text looks on a background with the XYZ color 75.2574, 64.6934,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.2574, 64.6934, 103.1283

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.5060, 65.0198, 101.1403



Tritanopia

68.9648, 64.4539, 73.0960

Trichromacy



Original Color

75.2574, 64.6934, 103.1283



Protanomaly

68.0212, 64.6836, 103.5078



Deuteranomaly

69.3567, 64.7124, 101.7638



Tritanomaly

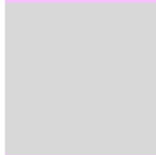
70.9850, 64.2477, 83.5226

Monochromacy



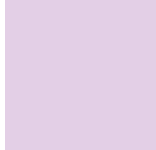
Original Color

75.2574, 64.6934, 103.1283



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.2743, 66.6697, 84.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2574, 64.6934, 103.1283 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2574, 64.6934, 103.1283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 192, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 192, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2574, 64.6934, 103.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
192, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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